Jonathan Lee

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EDUCATION

The University of Western Ontario, London, ON   June 2017
Bachelor of Science in Computer Science
Relevant courses: Data Structures and Algorithms, Object-Oriented Design and Analysis,
Databases, Analysis of Algorithms, Intro to Data Science

WORK EXPERIENCE

Autodata Solutions Company   August 2014 – August 2015
Software Developer Intern
- Reduced runtime of data packaging process from 72 hours to 4 hours by implementing multi-threading and refactoring SQL queries
- Increased customer support throughput by programming an application to abstract SQL queries and interact with RESTful webservices for customer support teams
- Ensured accurate data migration and reformat using Spring Batch and GraphicsMagick

PROJECTS

Meteorite Predictor   Feb 2017 – March 2017
Data science course independent project
- Determined if a meteorite could be found in a U.S. county or county-level equivalent using a logistic regression classifier built with Python's scikit-learn
- Munged data from NASA and U.S. government sources using Python pandas to build data set with appropriate features for the classifier

ARNance   November 2016
Winner of Best FinTech Hack at HackWestern 3
- Created augmented-reality app to display financial information of publicly traded companies when viewing the company's logo
- Approached by ScotiaBank representatives to pitch to their bank

DataVis   Feb 2016 – April 2016
Collaborative project for OO Design course
- Designed and programmed desktop application using C++ and Qt to generate data visualizations from CSVs for university research and publishing production
- Followed Agile process, writing user stories and creating epics

Vi'sous'al Chef   March 2016
Winner of Indico API prize at NHacks
- Finds similar recipes from an image of food using Indico, Clarifai, Food2Fork, and Instagram APIs
- Built with Angular and Node

SKILLS

Programming Languages: Java, JavaScript, SQL, HTML, CSS
Frameworks/Tools: Node, Express, Bootstrap, Spring, Git, Perforce, Unix/Linux